

INTERNATIONAL SEARCH REPORT

International application No.

PCT/NZ2004/000137

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. 7: G01N 1/22, 1/40, 33/497

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

DWPI & keywords: adsorb, absorb, trap; desorb; confined, container, freight, package, enclosure, shipping, cargo, hold; volatile, toxic, hazard, voc, biosecurity, bomb, explosive, drug; database, library; airflow, air stream

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	AUGUSTO, F. et al. Design and validation of portable SPME devices for rapid field air sampling and diffusion-based calibration. Anal. Chem. 2001, Vol 73, pages 481 – 486. See entire article	1-3, 5, 6, 8-17
A	US 2003/0020618 A1 (HEMMER ET AL.) 30 January 2003 See entire document	
A	Patent Abstracts of Japan JP 2002-005797 A (JAPAN SCIENCE & TECHNOLOGY CORP ET AL.) 9 January 2002 See entire document	
A	US 2002/0007687 A1 (ZIMMERMANN ET AL.) 24 January 2002 See entire document	



Further documents are listed in the continuation of Box C



See patent family annex

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search
13 October 2004

Date of mailing of the international search report

25 OCT 2004

Name and mailing address of the ISA/AU

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2002/0148305 A1 (DANYLEWYCH-MAY ET AL.) 17 October 2002 See entire document	
A	US 6 477 907 B1 (CHAMBERS ET AL.) 12 November 2002 See entire document	
A	KOZIEL, J. et al. Air sampling with porous solid-phase microextraction fibers. Anal. Chem. 2000, Vol 72, pages 5178 – 5186. See entire article	
A	Derwent Abstract Accession No. 94-127269/16, Class P35, DE 4234023 A1 (BUNDESREPUBLIK DEUT) 14 April 1994 See abstract	
A	US 4 819 477 A (FISHER ET AL.) 11 April 1989 See entire document	
A	Derwent Abstracts Accession No. 89-112935/15, Class S03, SU 1429 069 A (RUDGE OFIZIKA PRODN) 7 October 1988 See abstract	
A	US 3 768 302 A (BARRINGER) 30 October 1973 See entire document	

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/NZ2004/000137

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member			
US	2003020618	CA	2381871		
JP	2002005797				
US	2002007687	DE	19913220	EP	1242834 WO 0057212
US	2002148305	US	6446514		
US	6477907				
DE	4234023				
US	4819477	EP	0236047	JP	63079033
SU	1429069				
US	3768302	AU	36583/71	ES	397953 FR 2117475
		GB	1375003	NL	7116761 ZA 7108187
Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.					
END OF ANNEX					